01/02/2019 505258743

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5305515

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOBUHIRO YOSHIDA	12/19/2018
IPPEI NAKAGAWA	12/12/2018

RECEIVING PARTY DATA

Name:	VALQUA, LTD.
Street Address:	1-1, OSAKI 2-CHOME, SHINAGAWA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1416024

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29675451

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: assignments@webblaw.com Correspondent Name: THE WEBB LAW FIRM, P.C. Address Line 1: ONE GATEWAY CENTER

Address Line 2: 420 FT. DUQUESNE BLVD, SUITE 1200 Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	1217-1808266
NAME OF SUBMITTER:	KENT E. BALDAUF REG. #25826
SIGNATURE:	/Kent E. Baldauf/
DATE SIGNED:	01/02/2019

Total Attachments: 3

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> **PATENT** REEL: 047881 FRAME: 0667

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RECORDATION FO	RM COVER SHEET
<u>PATENT</u>	S ONLY
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.
Name of conveying party(ies) Nobuhiro YOSHIDA Ippei NAKAGAWA	2. Name and address of receiving party(ies) Name: Valqua, Ltd. Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) December 19, 2018 & December 12, 2018 Assignment Merger	Street Address: 1-1, Osaki 2-chome, Shinagawa-ku
Security Agreement Change of Name Joint Research Agreement	City: Tokyo State:
Government Interest Assignment Executive Order 9424, Confirmatory License Other	Country: JAPAN Zip: 1416024
	Additional name(s) & address(es) attached? Yes V No document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)
Additional numbers att	 ached?
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Kent E. Baldauf	7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>0</u>
Internal Address: The Webb Law Firm	Authorized to be charged to deposit account
Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200	Enclosed None required (government interest not affecting title)
City: Pittsburgh	8. Payment Information
State: PA Zip:15222	
Phone Number: 412-471-8815 Docket Number: 1217 - 1808266	Deposit Account Number
Email Address: assignments@webblaw.com	Authorized User Name
Signature	January 2, 2019 Date
Kent E. Baldauf Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:
Documents to be recorded (including cover sheet Mail Stop Assignment Recordation Services, Director of	, , , , , , , , , , , , , , , , , , , ,

PATENT
REEL: 047881 FRAME: 0668

	Application No.	
	Attorney Docket No.	1217-1808266
ASSIGNMEN	<u>T</u>	
WHEREAS, as a below named invento improvements in	r, I have invented certain	new and useful
SEAL MEMBER FOR USE IN SEMICONDUC	TOR PRODUCTION A	PPARATUS
(Invention Title)		
for which I have this day executed an application for application").	or a United States Patent (hereinafter "said
AND/OR		
for which an application for a United States Paten and bears Application Number(l	t was filed on	(mm/dd/yyyy) on"),
AND/OR		
for which an international patent application was on		
AND, WHEREAS, Valqua, Ltd., a c business at 1-1, Osaki 2-chome, Shinagawa-ku, Toky "assignee", is desirous of acquiring the entire right, title the inventions and improvements therein disclosed.	yo 1416024, Japan, here	inafter called the
NOW, THEREFORE, for good and variassignee, the receipt of which is hereby acknowledged, hereinafter the assignor(s), do hereby assign, sell and exclusive right, title and interest in and to said applicate therein disclosed for the United States and all foreign of the International Convention of Paris (1883) as amende therefor in the United States and all foreign countries continuations-in-part, renewals and/or extensions there ends of the terms of these applications and patents as a been held and enjoyed by me had this Assignment not be	I as the inventor or as one I transfer unto said assignion and the inventions arountries, including rights d, and any Letters Patent and all divisions, reissue of. Such assignment exfully and entirely as the s	of the inventors, nee the full and ad improvements of priority under which may issue is, continuations, itends to the full
I hereby authorize and request any attorn Customer No. 28289, to insert here in parentheses (Appfiled $01/02/2019$) the filing date and application	plication No. $29/6/5,4$	51
I covenant that I am the lawful owned	er(s) of said application	

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PATENT

REEL: 047881 FRAME: 0669

testify in any legal proceedings, sign all lawful continuation-in-part, renewal and/or extension do all other and further lawful acts deemed need for said assignee to assist or enable said assigne and interests herein assigned. This Assignment	and with upon request but without expense to me, papers, execute all divisional, reissue, continuation, applications, make all rightful oaths, and generally essary or expedient by said assignee or by counsel e to obtain and enforce full benefits from the rights ment shall be binding upon my heirs, executors, to the benefit of the heirs, executors, administrators, of said assignee.
FULL NAME OF ASSIGNOR: Nobuhiro YOSHIDA	RESIDENCE: Gojo-shi, Nara, Japan
EXECUTED this 19 day of Recember,	Nobultivo Toshida SIGNATURE
WITNESS: Southiron Yamanch	n. Silo dan da
2. FULL NAME OF ASSIGNOR: Ippei NAKAGAWA	RESIDENCE: Gojo-shi, Nara, Japan
EXECUTED this 12 day of December,	2018 Appei hakagawa SIGNATURE
WITNESS: Soundiviou Jagmanich	
APOAGGE DOOY PAG	re 2

Application No.

And for the consideration aforesaid, I agree individually and, if applicable, jointly

that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me,

Attorney Docket No. ___1217-1808266

PATENT REEL: 047881 FRAME: 0670

RECORDED: 01/02/2019